

Peak District National Park

Forecast valid from 06:00 on Tuesday 26 Dec 2023 until 23:59 on Wednesday 27 Dec 2023

Forecast Issued on Tuesday 26 Dec 2023 at 00:31

Confidence: High for a window of quiet, settled weather during daytime on Boxing day then for it to turn more unsettled again. Lower confidence for rain or snow details from Thursday onwards.

Headline for Tuesday 26 Dec 2023: Dry and bright with light winds.

Mountain weather hazards on Tuesday 26 Dec 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	20%	<05%	<05%	<05%	10%

Forecast for Tuesday 26 Dec 2023

Weather: A dry and bright day but high cloud thickening from the southwest during the afternoon. Outbreaks of rain, with snow above 600m, arriving late evening.

Chance of cloud-free hill tops above 600m: Mainly 95% but lowering to 60% late evening.

Low cloud and visibility: Mainly excellent visibility. Patchy cloud and fog above 400m overnight and to start the morning, then again late evening.

Forecast for Tuesday 26 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/36 W	16/22 W	11/16 W	8/11 SW	7/10 S	11/17 SE	20/30 SE
300	21/29 W	12/20 W	8/12 W	6/11 SW	6/9 S	9/16 SE	15/25 SE
Valley	14/29 W	7/17 W	4/9 W	3/9 S	4/9 SE	5/14 SE	10/21 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	1/-5	2/-3	2/-2	2/-1	2/-2	2/-5
300	5/-0	4/-1	4/1	5/2	4/2	4/1	4/-1
Valley	5/1	3/0	5/3	5/4	4/2	4/2	4/1
Freezing Level*	800m	600m	600m	800m	800m	700m	800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Boxing day looks set to be the most settled day of the week before a significant deterioration by Wednesday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 26 Dec 2023	6.9mm	19.8mm	44.2mm

Forecast for Wednesday 27 Dec 2023

Weather: Rain overnight, preceded by snow above 600m. Spells of rain through the day giving drenching conditions in strong winds. Clear spells and showers in the evening, possibly thundery.

Maximum wind: Southeast 30 to 40mph gust 55mph becoming South or Southwest 20 to 30mph gust 45mph later.

Chance of cloud-free hill tops above 600m: Almost zero chance.

Low cloud and visibility: Poor for most of the time in rain or snow with extensive cloud and fog above 400m. Cloud lifting and becoming patchy in the evening.

Temperature: **Valleys:** Plus 5C rising to 11C.
At 600m: Plus 2C rising to 7C, falling to Plus 3C in evening.
Freezing level: Above summits.